Claims

[c1] An arrangement for driving a wheel of a vehicle, said arrangement comprising: a planetary gear transmission including a sun gear connected to a driving axle, a planet carrier on which at least one planet gear is arranged in engagement with the sun gear, and a ring gear arranged around and in engagement with said planet gear; said ring gear and an outer, static part are of one piece construction and form an annular member; a braking device and a wheel hub, which hub is connected firmly to the planet carrier; and a bearing arrangement provided between the hub and the annular member which comprises at least one row of balls arranged along a circular track established between races provided in the hub and the annular member.

[c2] The arrangement as recited in claim 1, wherein the braking device and the hub are arranged on the planet carrier on different sides of the planet gear.

[c3] The arrangement as recited in claim 1, wherein the hub is mounted against the annular member outside in the radial direction of that portion of the annular member which forms the ring gear, and also against said portion.

[c4] The arrangement as recited in claim 1, wherein the bearing arrangement between the hub and the ring gear further comprises two rows of balls arranged at a mutual spacing in the axial direction of the driving axle.

[c5] The arrangement as recited in claim 1, wherein the annular member forms a pressure surface for said braking device.

[c6] The arrangement as recited in claim 1, wherein the outer, static part forms a portion of a brake housing for the braking device.

[c7] The arrangement as recited in claim 1, wherein the annular member is connected firmly to an axle case.

[c8] The arrangement as recited in claim 1, wherein the braking device comprises at least one first brake disk, which is connected to the planet carrier, and at least one second brake disk, which is connected to the static part, and a pressure applicator that

applies a pressure for the purpose of pressing the first and second brake disks together when braking takes place.

[c9] The arrangement as recited in claim 1, wherein the braking device brakes the planet carrier relative to the static part arranged outside the planet carrier in the radial direction.